

Title (en)

TRANSPORT DEVICE FOR RECORDING MEDIA IN PRINTERS AND PHOTOCOPIERS

Publication

EP 0514377 B1 19930915 (DE)

Application

EP 90917560 A 19901204

Priority

EP 90102129 A 19900202

Abstract (en)

[origin: WO9111755A1] A device for transporting recording media (100), useful in particular in the fixing section of a printer or photocopier, has a counter-roll (201) and a feed roll (205) movably arranged in relation to the counter-roll (201), between which the recording medium (100) is transported by friction. A guide bar (214) is arranged as a balance beam parallel to and spaced from the feed roll (205) so as to pivot around an axis of rotation (216) in relation to the feed roll (205). In order to press the feed roll (205) against the counter-roll, so as to compensate according to need any forces that may arise, spring elements (218) are arranged on the guide bar (214) on both sides of the axis of rotation and are coupled to bearing elements (206) of the feed roll (205). The guide bar may be moved by a servomotor (224) in order to control the position of the recording medium (100) between the rolls (201, 205).

IPC 1-7

B65H 20/02; G03G 15/20

IPC 8 full level

G03G 15/20 (2006.01)

CPC (source: EP US)

G03G 15/2028 (2013.01 - EP US); **G03G 15/206** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

WO 9111755 A1 19910808; DE 59002769 D1 19931021; EP 0514377 A1 19921125; EP 0514377 B1 19930915; US 5359181 A 19941025

DOCDB simple family (application)

EP 9002089 W 19901204; DE 59002769 T 19901204; EP 90917560 A 19901204; US 91708292 A 19920803